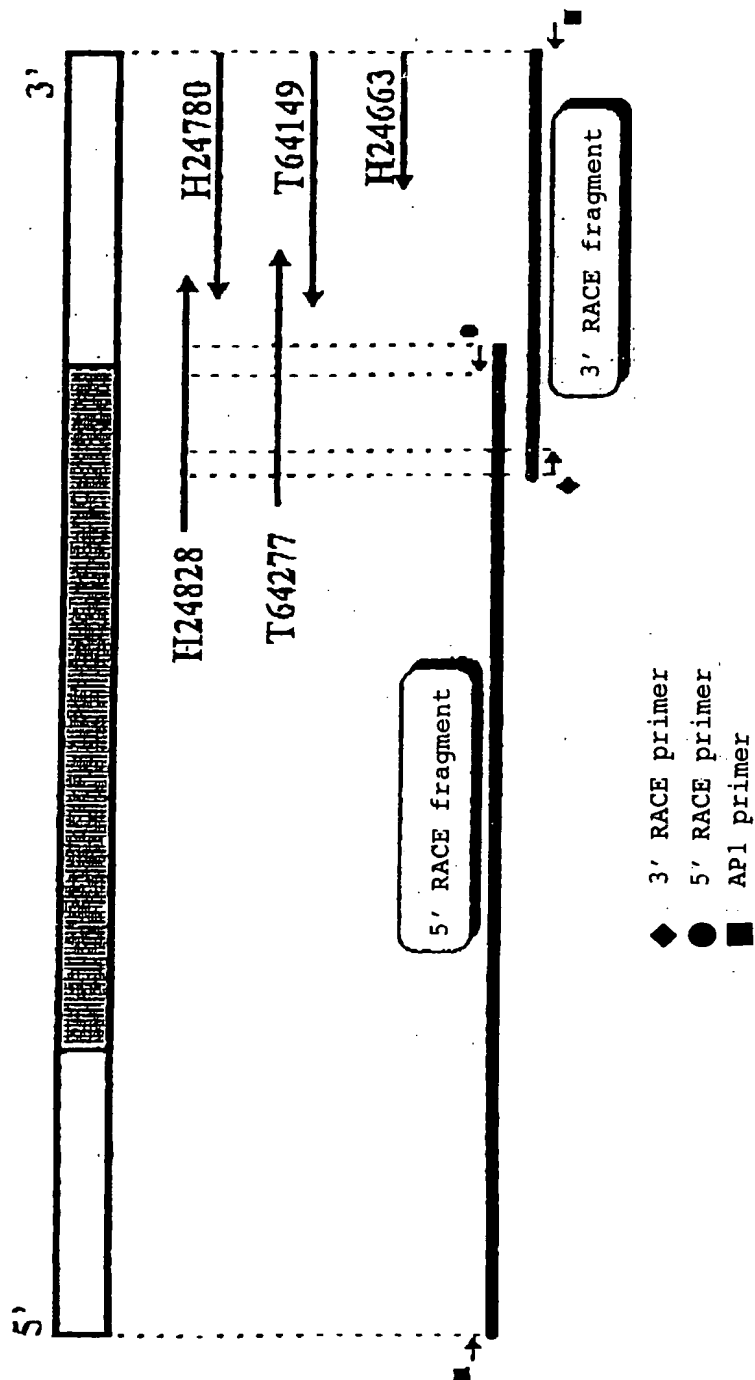


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Fig. 1

Coding region



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Fig. 2

HSVEGFCC* H24828	MHL LGFFSVA	CSLLAAALLP	GP REAPAAAA	AFESGLDLSD	AEPDAGEATA	50 50
HSVEGFCC H24828	YASKDLEEQL	RSVSSVDELM	TVLYPEYWKM	YKCQLRKGGW	QHNREQANLN	100 100
HSVEGFCC H24828	SRTEETIKFA	AAHYNTEILK	SIDNEWRTQ	CMPREVCIDV	GKEFGVATNT	150 150
HSVEGFCC H24828	FFKPPCVSVY	RCGGCCNSEG	LQCMNTSTSY	LSKTLFEITV	PLSQGPKPVT	200 200
HSVEGFCC H24828	ISFANHTSCR	CMSKLDVYRQ	VHSIIRSLP	ATLPQCQAAN	KTCPTNYMWN	250 250
HSVEGFCC H24828	NHICRCLAQE	DFMFSSDAGD	DSTDGFHDIC	GPNKELDEET	CQCVCRAGLR -----HLQE	300 300
HSVEGFCC H24828	PASCGPHKEL PALCGPHMMF	DRNSCQCVCCK DEDRCECVCK	NKLFPSCGA TPCPKDLIQH	NREFDENTCQ PKNCSCFECK	CVCKRTCPRN ESLETCCQKH	350 350
HSVEGFCC H24828	QPLNPGKCAK KLFHPDTCSC	ECTESPQKCL E-----DR	LKGKKFHHQT -----DR	CSCYRRPCTN CPFHTRPCAS	RQKAC-EPGF GKTACAKHCR	400 400
HSVEGFCC H24828	SYS EVCRCV FPKEKRAAQG	PSYWKRPQMS PHSRKNP...	.....	.....	.....	450 450

\*HSVEGFCC:

human VEGF-C

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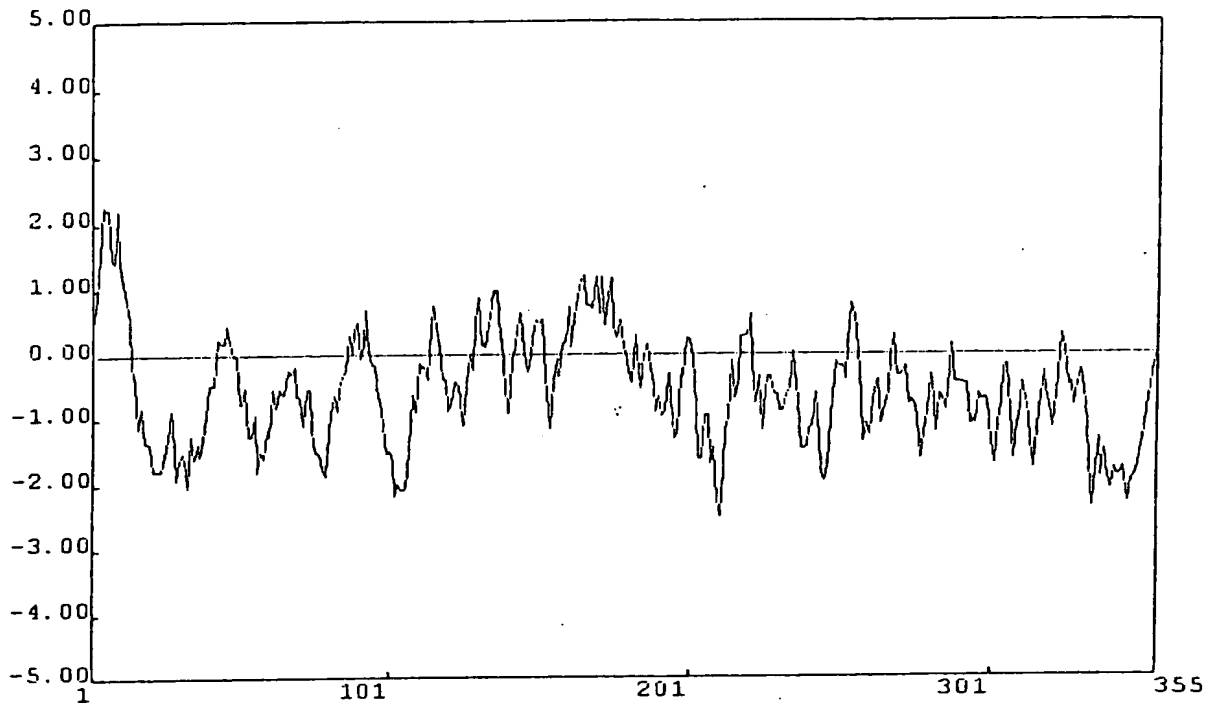
Fig. 3

HSVEGF-D	MYREWVVNV	FMMLYVQVQ	GSSNEHGPVK	-----RSSQ	50
HSVEGF-C	MHLGFESVA	CSLLAAALP	GPREAPAAAA	AFESGLDLSD	50
HSPDGF-A	MRTACLLLL	GCGYLAHVLA	EEAEIPREVI	ERLAR-----SQ	50
HSPDGF-B	MNRCAFLS	LCCYLRLVSA	EGDPIPEELY	EMLSD-----HS	50
HSPIGF2	MPVMRLPCF	LQLLAGLAUP	AVPPQQWALS	AGNGS-----	50
HSVEGF	MNFLLSWVHW	SLALLYLTHH	AKWSQAAPMA	EGGGQ-----	50
HSVEGF-B	MSPLLRR---	--LLLAALLQ	LAPAAQPVSQ	PDAPG-----	50
HSVEGF-D	STLERSEQQT	RAASSLEELL	RITHSEDWKL	WRCLRLKSF	100
HSVEGF-C	YASKDLEFQL	RSVSSVDLM	TVLYPEYKAM	YKCLRLKGGW	100
HSPDGF-A	IHSIRDLCRL	LEIDSVGSED	S-L-----	-----DTSLRA	100
HSPDGF-B	IRSFDDLCLRL	LHGDPGEEEDG	AEI-----	-----DLNMTR	100
HSPIGF2	-----	-----	-----	-----	100
HSVEGF	-----	-----	-----	-----	100
HSVEGF-B	-----	-----	-----	-----	100
HSVEGF-D	RST----RFA	ATFYDIETLK	VIDEEWORTQ	CSPRETCVEV	150
HSVEGF-C	SRTEETIKFA	AAHYNTEILK	SIDNEWRTQ	CMPREVCIDV	150
HSPDGF-A	HGVHAKHVP	EKRPLPIRRK	RSIEEAVPAV	CKTRTVIYEI	150
HSPDGF-B	SHSGGELES	ARGRRSGSL	TIAEPAMIAE	CKTRTEVEEI	150
HSPIGF2	-----	---SEVVVP	FQEV-WGRSY	CRALERLVDV	150
HSVEGF	-----	---NHHEVVK	FMDV-YORSY	CHPIETLVDI	150
HSVEGF-B	-----	---HQRKVVS	WIDV-YTRAT	CQPREVVVPL	150
HSVEGF-D	FF--KPPCVN	VFRCGGCCNE	BSLICMNTST	SYISKCLFEI	200
HSVEGF-C	FF--KPPCVS	VYRCGGCCNS	EGLQCMNTST	SYLSKTLFEI	200
HSPDGF-A	NFLIWPPCVC	VKRCTGCCNT	SSVKCQPSRV	HHRSVKVAKV	200
HSPDGF-B	NFLVWPPCVC	VQRCSGCCNN	RNVQCRPTQV	QLRPVQVRKI	200
HSPIGF2	MF--SPSCVS	LLRCTIGCCGD	ENLHCVPIET	ANVTMOLLKI	200
HSVEGF	IF--KPSCVV	LMRCGGCCND	EGLECVPTTE	SNITMCMIRI	200
HSVEGF-B	QL--VPSCVT	VQRCGGCCPD	DGLECVPTTGQ	HQVRMCILMI	200
HSVEGF-D	LVPVKVANHT	GCKCLPT--A	PRHPYSIIRR	SIQIPEEDRC	250
HSVEGF-C	PVTISFANHT	SCRCSMSKLDV	YRQVHSIIRR	S-LPATLPQC	250
HSPDGF-A	EVQVRLEEHL	ECACATTSLN	PDYREEDTGR	P-RESGKKRK	250
HSPDGF-B	KATVTLEDHL	ACKCET--VAA	ARPVTRSPGG	S-QEQRAK--	250
HSPIGF2	YVELTFSQHV	RCECRP----	LREKMKPERR	R-PKGRGKRR	250
HSVEGF	IGEMSFLQHN	KCECRP-KKD	RARQEKKSVR	G-KGKGQKRR	250
HSVEGF-B	LGEMSLEEHS	QCECRPKKKD	SA-----	-----KKSRYK-	250
HSVEGF-D	MLWDSNKCKC	VLOEE-NPLA	GTEHSHLQE	-----	300
HSVEGF-C	YMWNNHICRC	LAQEDFMFSS	DAGDDSTDGF	HDICGPNKEL	300
HSPDGF-A	-----	-----	-----	-----	300
HSPDGF-B	-----	-----	-----	-----	300
HSPIGF2	-----	-----	-----	-----	300
HSVEGF	---SWSVYV	GARCCLMPWS	LPGPHPGPGC	SERRKHLFVQ	300
HSVEGF-B	-----	-----	VKPDSPRPLC	PRCTQHQRP	300
HSVEGF-D	----PALCGP	FMMEDEDRCE	CVCKTPCPKD	LIQHPKNCSC	350
HSVEGF-C	AGLRPASCOP	IKELDRNSCQ	CVCKKNKLFP	QCGANREFDE	350
HSPDGF-A	-----	-----	-----	-----	350
HSPDGF-B	VRVRRPPKCK	IRKFKHTHDK	TALKETLGA	-----	350
HSPIGF2	-----	-----	-----	-----	350
HSVEGF	N-TDSRCKAR	QLEINERTCR	CDKPRR	-----	350
HSVEGF-B	RRSFLRCQGR	GLEINPDTCR	CRKLRR	-----	350
HSVEGF-D	CQKHKLFHP	DTCSCE----	-----	---DRCPFHT	400
HSVEGF-C	CPRNQPL-NP	GKCAECTES	PQKCLLKGKK	FHHQTCSYR	400
HSPDGF-A	-----	-----	-----	-----	400
HSPDGF-B	-----	-----	-----	-----	400
HSPIGF2	-----	-----	-----	-----	400
HSVEGF	-----	-----	-----	-----	400
HSVEGF-B	-----	-----	-----	-----	400
HSVEGF-D	AKHCRFPKCK	RAAQGPHSRK	NP	-----	450
HSVEGF-C	-EPGFSYSSE	VCRCVPSYWK	RQMS	-----	450
HSPDGF-A	-----	-----	-----	-----	450
HSPDGF-B	-----	-----	-----	-----	450
HSPIGF2	-----	-----	-----	-----	450
HSVEGF	-----	-----	-----	-----	450
HSVEGF-B	-----	-----	-----	-----	450

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Fig. 4

## a) Hydrophobicity



## b) Prediction of the human VEGF-D signal peptide

